



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/600,215	06/20/2003	Christopher E. Barnabo	END920030029US1	5835

26502 7590 11/03/2006

IBM CORPORATION
IPLAW IQ0A/40-3
1701 NORTH STREET
ENDICOTT, NY 13760

EXAMINER

CERVETTI, DAVID GARCIA

ART UNIT PAPER NUMBER

2136

DATE MAILED: 11/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/600,215

Applicant(s)

BARNABO ET AL.

Examiner

David G. Cervetti

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 June 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 6/20/03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-22 are pending and have been examined.

Drawings

2. New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because there are handwritten characters/labels that cannot be clearly understood. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: 40. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

4. **This may not be a complete list of informalities found in the drawings.**

Specification

5. The abstract of the disclosure is objected to because it is too long. Correction is required. See MPEP § 608.01(b).

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

6. The disclosure is objected to because of the following informalities: "HTTP, FTP, UDP, TCP/IP" (page 4). These terms have not been defined. **Appropriate correction is required.**

7. ***This is not intended to be a complete list of informalities found in the disclosure.***

Claim Objections

8. Claims 4 and 19 are objected to because of the following informalities: "DMZ" must be spelled out. Appropriate correction is required.
9. Claims 1-2, 16-17, and 21-22 are objected to because of the following informalities: "userID" must be spelled out. Appropriate correction is required.

Claim Rejections - 35 USC § 102

10. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

11. **Claims 1-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Whipple et al. (US Patent 6,289,385, hereinafter Whipple).**

Regarding claim 1, Whipple teaches a method for authenticating a first user in a protected network to an application shared simultaneously with a second user in an unprotected network (col. 4, lines 25-67), said method comprising the steps of:

- the first user supplying a userID and a password to a first server within said protected network for authentication for said application, said application residing in a third network (col. 11, lines 20-67);
- said first server checking authentication of said first user based on said userID and password, and if said first user is authentic, said first server forwarding to said application an authentication key for said first user and a selection by said first user pertaining to said application (col. 4, lines 25-67, col. 11, lines 20-67); and
- said application checking authentication of said key, and if authentic, complying with said selection by said first user (col. 11, lines 20-67, col. 17, lines 45-67).

Regarding claim 16, Whipple teaches a authentication system comprising:

Art Unit: 2136

- an application on a first server in a first network (fig. 2, col. 4, lines 25-67);
- a second server in a second, protected network to receive from a first user within said second network a userID and a password for authentication for said application, said second server checking authentication of said first user based on said userID and password, and if said first user is authentic, said second server forwarding to said application an authentication key for said first user and a selection by said first user pertaining to said application (col. 4, lines 25-67, col. 11, lines 20-67); and
- said application checking authentication of said key, and if authentic, complying with said selection by said first user (col. 11, lines 20-67, col. 17, lines 45-67); and
- a workstation in a third, unprotected network for a second user, said application being shared simultaneously with said first and second users (col. 4, lines 25-67, col. 11, lines 20-67).

Regarding claim 21, Whipple teaches a computer program product for authenticating a first user in a protected network to an application shared simultaneously with a second user in an unprotected network, said program product comprising:

- a computer readable medium (fig. 2, col. 4, lines 25-67);

- first program instructions, to execute on a first server within said protected network, to receive from the first user a userID and a password for authentication for said application, said application residing in a third network (col. 4, lines 25-67, col. 11, lines 20-67);
- second program instructions, to execute on said first server, to check authentication of said first user based on said userID and password, and if said first user is authentic, to forward to said application an authentication key for said first user and a selection by said first user pertaining to said application (col. 4, lines 25-67, col. 11, lines 20-67); and
- third program instructions in said application to check authentication of said key, and if authentic, comply with said selection by said first user (col. 11, lines 20-67, col. 17, lines 45-67); and wherein
- said first, second and third program instructions are recorded on said medium (col. 4, lines 1-67).

Regarding claims 2, 17, and 22, Whipple teaches said second user supplying another userID and another password to said application; if said other userID and other password are authentic, said application complying with a selection made by said second user pertaining to said application (col. 11, lines 20-67).

Regarding claims 3 and 18, Whipple teaches wherein said protected network and said third network are both controlled by a same entity (fig. 2, col. 4, lines 38-67, col. 5, lines 1-5).

Regarding claims 4 and 19, Whipple teaches wherein said third/first network is a DMZ (fig. 2, col. 4, lines 38-67, col. 5, lines 1-5).

Regarding claims 5-7 and 20, Whipple teaches wherein said unprotected network is an Internet (col. 4, lines 38-67).

Regarding claims 8-10, Whipple teaches wherein said protected network is an intranet (col. 4, lines 38-67).

Regarding claim 11, Whipple teaches wherein said application is an electronic meeting application, and both said first user and said second user simultaneously participate in a same meeting (col. 6, lines 10-67).

Regarding claim 12, Whipple teaches wherein said selection by said first user is a selection of an electronic meeting in which to participate (col. 6, lines 10-67).

Regarding claim 13, Whipple teaches said application sending to said first server said authentication key before the step of said first server forwarding to said application said authentication key (col. 11, lines 20-67).

Regarding claim 14, Whipple teaches wherein said authentication key is self authenticating based on whether a period during which the key is valid matches a scheduled period of use of said application, and whether an IP address of said first user is from said protected network (col. 11, lines 20-67).

Regarding claim 15, Whipple teaches authenticating said second user to said application (col. 11, lines 20-67).

Art Unit: 2136

Conclusion

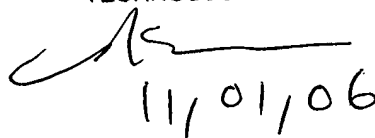
12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David G. Cervetti whose telephone number is (571) 272-5861. The examiner can normally be reached on Monday-Friday 7:00 am - 5:00 pm, off on Wednesday.

13. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser G. Moazzami can be reached on (571) 272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

14. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DGC

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100



11/01/06